Town of Moraga
PUBLIC WORKS/ENGINEERING
DEPARTMENT

September 15, 2014

Bruce H. Wolfe, Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2013 - 2014 Annual Report for the Town of Moraga, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibly of fine and imprisonment for knowing violations.

Very truly yours,

Jill Keimach
Town Manager

Enclosure

329 Rheem Boulevard • Moraga, CA 94556 • (925) 888-7026 • publicworks@moraga.ca.us •
www.moraga.ca.us

ATTACHMENT B

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Section **Page**

Section 1 – Permittee Information

Background Information					
Permittee Name:	Town of Moraga				
Population:	16,016				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)				
Order Number:	R2-2009-0074 (San Francisco Bay RWQCB Permit)				
Reporting Time Period (month/year):	July 2013 through June 2014				
Name of the Responsible Authority:	Jill Keimach			**Title:**	Town Manager
Mailing Address:	329 Rheem Boulevard				
City:	Moraga	**Zip Code:**	94556	**County:**	Contra Costa
Telephone Number:	925-888-7020	**Fax Number:**			925-376-5203
E-mail Address:	jkeimach@moraga.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Edric Kwan			**Title:**	Public Works Director/Town Engineer
Department:	Public Works/Engineering				
Mailing Address:	329 Rheem Boulevard				
City:	Moraga	**Zip Code:**	94556	**County:**	Contra Costa
Telephone Number:	925-888-7025	**Fax Number:**			925-376-5203
E-mail Address:	ekwan@moraga.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Town participates in County-wide programs including the Contra Costa Clean Water Program (CCCWP). Refer to the C.2 Municipal Operations section of the CCCWP's FY 12-13 Annual Report for a description of activities implemented at the countywide and/or regional level.

C.2.a. ►Street and Road Repair and Maintenance

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work

Comments: For the Town's 2013 Pavement Repair Project, BMPs identified in the project's Water Pollution Control Program included covering inlet grates in the work area, installing inlet protection for nearby grates, sweeping the area after paving operations, vacuuming of slurry and disposal to a concrete washout facility for future offsite disposal, and offsite disposal of dried and cured concrete wastes. Weekly inspections were performed to confirm implementation of appropriate BMPs during pavement rehabilitation work.

Contractors performing minor repair work, whether utility companies or Town-sponsored, were required to regularly sweep paving waste materials and spoils to ensure that gutters and storm drains were protected from sediment or other pollution. The Town's inspector provided oversight to ensure compliance.

C.2.b. ►Sidewalk/Plaza Maintenance and Pavement Washing

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

NA	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: The Town does not perform sidewalk or pavement washing or contract to have either performed. However, the Town inspector monitors the performance of such activities on private property throughout the Town and provides education, information support, and/or enforcement as required.

C.2.c. ►Bridge and Structure Maintenance and Graffiti Removal

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments: The Town maintenance staff, which consists of four members, has training in capture and disposal methods for protection of storm water. The Town did not utilize contractors for bridge maintenance or graffiti removal.

C.2.d. ►Stormwater Pump Stations

Does your municipality own stormwater pump stations:		**Yes**	**X**	**No**

If your answer is **No** then skip to **C.2.e.**

Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	**First inspection Dry Weather DO Data**		**Second inspection Dry Weather DO Data**	
	Date	**mg/L**	**Date**	**mg/L**
None/not applicable	NA	NA	NA	NA

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Not applicable

Summary:

Not applicable

Attachments:

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	**Date** (2x/year required)	**Presence of Trash** (Cubic Yards)	**Presence of Odor** (Yes or No)	**Presence of Color** (Yes or No)	**Presence of Turbidity** (Yes or No)	**Presence of Floating Hydrocarbons** (Yes or No)
None/not applicable	NA	NA	NA	NA	NA	NA

[1] DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

C.2.e. ►Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[2] roads:		Yes	X	No

If your answer is **No** then skip to **C.2.f**.

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

N/A	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
N/A	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts
N/A	Inspection of rural roads for structural integrity and prevention of impact on water quality
N/A	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
N/A	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
N/A	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings

Comments including listing increased maintenance in priority areas:

Not applicable

[2] Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The Corporation Yard for the Town is entirely paved with concrete, including drains that route the majority of pavement runoff into a bio-treatment basin. Vehicle and equipment washing as well as vehicle fueling are all performed off site.

During CCCSD inspection of Corporation yard on September 20, 2013, CCCSD staff informed Town staff that washing of trucks on the premises is acceptable with water only; no engine degreasing allowed or washing with soaps or chemicals. Washwater drains to a bio-retention basin at the facility before discharging the Town storm drain system.

While the above BMPs were routinely followed for operations at the corporation yard, completion of an inspection form for the corporation yard was not performed in FY 12-13 due to staff turnover. An August 2013 inspection was documented and reported in the FY 12-13 report; the same inspection is reported again below. An additional inspection of the Corporation Yard was performed by CCCSD prior to the rainy season.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
331 Rheem Boulevard (Corp Yard)	8/27/2013	Inspected FLD(s) 1-6 and SD Access 1 and SD 3 and 4 for structural integrity and blockage. Note: SD 4 has new trash capture device installed in basin.	None
331 Rheem Boulevard (Corp Yard)	9/20/2013	Central Contra Costa Sanitary District performed an inspection of the facility and reviewed proper BMPs for discharge of mop water. Storage of chemicals, pesticides, etc. were observed to be safely contained and protected from rainwater; area around dumpster was observed to free of debris and leaks.	None

Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.b.v.(2)(a) ►Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:

The C.3 New Development and Redevelopment section of the CCCWP's FY 13-14 Annual Report includes a description of activities conducted at the countywide or regional level. The Green Street Pilot Project Summary Report submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment includes information on the green street projects constructed in Contra Costa County, including capital costs, O&M costs, legal and procedural arrangements to address O&M and its associated costs, and sustainable landscape measures.

C.3.b.v.(1) ►Regulated Projects Reporting

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.

C.3.e.v. ►Alternative or In-Lieu Compliance with Provision C.3.c.

(For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?		**Yes**	**X**	**No**

Comments (optional): **Although no projects utilized Option 1 or Option 2 under Provision C.3.e.i this fiscal year, nor in previous fiscal years, the Town of Moraga believes this is a necessary option to retain and to consider on a case by case basis.**

C.3.e.vi ► Special Projects Reporting

1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		**Yes**	**X**	**No**
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2014 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		**Yes**	**X**	**No**

If you answered "Yes" to either question,

1) Complete Table C.3.e.vi . below.
2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information.

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

Through its contract with the Contra Costa County Building Inspection Department, the Town conducted the 45-day/final inspection of the stormwater treatment system installed at St Mary's College North Parking Lot expansion. No other inspections of installed stormwater treatment systems were documented. However, it is likely that Town Parks and Recreation Staff inspected the stormwater treatment facility at the Town's Moraga Commons Off-Street Parking Project during routine park maintenance but did not document that inspection.

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The Town's O&M Program needs to be reviewed to improve program effectiveness in terms of documentation and meeting minimum inspection frequency requirements. Due to limited Town staff, consideration will be given to contracting out the O&M inspection program to either a consultant/contractor or the County Building Inspection Department, which already performs construction inspection of stormwater treatment systems for the Town.

(4) During the reporting year, did your agency:

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	X	**Yes**		**No**		**Not applicable. No new facilities were installed.**
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?[3]		**Yes**	X	**No**		**Not applicable. No treatment measures**
• Inspect at least 20 percent of the total number of installed vault-based systems?		**Yes**		**No**	X	**Not applicable. No vault systems.**

If you answered "No" to any of the questions above, please explain:

The Town conducted a 45-day inspection of the newly installed stormwater treatment system for St Mary's College North Parking Lot Expansion. No inspections of previously constructed stormwater treatment systems were documented this fiscal year. While it is likely that Town Parks and Recreation Staff inspected the stormwater treatment facility at the Town's Moraga Commons Off-Street Parking Project during park maintenance, staff did not document that inspection.

The total number of installed treatment systems exceeds five, so the single inspection represents an inspection rate of less than 20 percent of the total number of installed systems. To date, the Town has granted approval to five C.3 regulated projects that have since completed construction of one of more stormwater treatment systems. The projects include: St Mary's College Filippi Hall, 1057/1065 Camino Pablo residences, Moraga County Club Clubhouse, St Mary's College North Parking Lot Expansion, and Moraga Commons Off-Street Parking Project.

C.3.i. ►Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, 6th Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The Town of Moraga's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

[3] If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location[10], Street Address	Name of Developer	Project Phase No.[11]	Project Type & Description[12]	Project Watershed[13]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)[14]	Total Replaced Impervious Surface Area (ft^2)[15]	Total Pre-Project Impervious Surface Area[16] (ft^2)	Total Post-Project Impervious Surface Area[17] (ft^2)
Private Projects											
Camino Ricardo Subdivision	Camino Ricardo APN 255-310-029-4	Summerhill Homes	NA	26-lot Single Family Residential Subdivision	Laguna Creek/Moraga Creek	14.26	11.04	123,978	0	0	123,978
Rancho Laguna II Subdivision 9330	Rheem Boulevard between St Mary's Road and Moraga Road APN 256-040-024	Summerhill Homes	NA	27-lot Single Family Residential Subdivision	Las Trampas Creek	178.89	26.09	306,569	0	31,240	306,569
Hetfield Estates Subdivision 9051	Hetfield Place/Sanders Drive	Robert A. Lipson (Owner)/ The Wyro Company (Developer/Contractor)	NA	7-lot Single Family Residential Subdivision	San Leandro Reservoir	58.2	5.84	54,376	396	396	54,772
Public Projects											
None	NA	NA	NA	NA	NA	NA	NA	Total NA	NA	NA	NA

[10] Include cross streets
[11] If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".
[12] Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[13] State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.
[14] All impervious surfaces added to any area of the site that was previously existing pervious surface.
[15] All impervious surfaces added to any area of the site that was previously existing impervious surface.
[16] For redevelopment projects, state the pre-project impervious surface area.
[17] For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date[18]	Application Final Approval Date[19]	Source Control Measures[20]	Site Design Measures[21]	Treatment Systems Approved[22]	Type of Operation & Maintenance Responsibility Mechanism[23]	Hydraulic Sizing Criteria[24]	Alternative Compliance Measures[25/26]	Alternative Certification[27]	HM Controls[28/29]
Private Projects										
Camino Ricardo Subdivision	Unknown	1/6/14 (VTM)	Storm drain stenciling, distribute IPM information, discourage vehicle washing, efficient landscape irrigation systems	Limitation of development envelope, setback to creek in excess of minimum required, minimize impervious surfaces	Bio-retention basins	O&M agreement with homeowners' association	2c	NA	N	Bio-retention basins designed using CCCWP IMP Sizing Calculator
Rancho Laguna II Subdivision	2/15/2013 notwithstanding CEQA	4/21/14 (VTM)	Storm drain stenciling, landscape maintenance plan utilizing IPM, efficient landscape irrigation systems, and drought-tolerant plants,	IMPs distributed throughout site	Bio-retention basins	O&M agreement with homeowners' association and/or Geologic Hazard Abatement District	2c	NA	N	Bio-retention basins designed using CCCWP IMP Sizing Calculator

[18] For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.
[19] For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.
[20] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[21] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[22] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[23] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[24] See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[25] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[26] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[27] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[28] If HM control is not required, state why not.
[29] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects) (continued)

Project Name Project No.	Application Deemed Complete Date[30]	Application Final Approval Date[31]	Source Control Measures[32]	Site Design Measures[33]	Treatment Systems Approved[34]	Type of Operation & Maintenance Responsibility Mechanism[35]	Hydraulic Sizing Criteria[36]	Alternative Compliance Measures[37/38]	Alternative Certification[39]	HM Controls[40/41]
Private Projects (continued)										
Hetfield Estates Subdivision	Unknown	5/21/14 (VTM)	Storm drain stenciling, landscaping designed to minimize irrigation and use of fertilizers and pesticides,	Limitation of development envelope, preservation of natural drainage features, setback to creek in excess of minimum required, minimize impervious surfaces	Bio-retention basins/planters	O&M agreement with homeowners' association	IMPs 1-4: 2c IMP 5: 2c	NA	N	IMPs 1- 4: subterranean detention pipe IMP 5: sized using the CCCWP IMP Sizing Calculator
Comments:										

[30] For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.
[31] For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.
[32] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[33] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[34] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[35] List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[36] See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[37] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[38] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[39] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[40] If HM control is not required, state why not.
[41] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

C.3.b.v.(1) ►Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date[42]	Date Construction Scheduled to Begin	Source Control Measures[43]	Site Design Measures[44]	Treatment Systems Approved[45]	Operation & Maintenance Responsibility Mechanism[46]	Hydraulic Sizing Criteria[47]	Alternative Compliance Measures[48/49]	Alternative Certification[50]	HM Controls[51/52]
Public Projects										
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Comments:										

[42] For public projects, enter the plans and specifications approval date.
[43] List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[44] List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[45] List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[46] List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[47] See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[48] For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[49] For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[50] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[51] If HM control is not required, state why not.
[52] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

C.3.h.iv. ►Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Fill in table below or attach your own table including the same information.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)[53]	Party Responsible[54] For Maintenance	Date of Inspection	Type of Inspection[55]	Type of Treatment/HM Control(s) Inspected[56]	Inspection Findings or Results[57]	Enforcement Action Taken[58]	Comments/Follow-up
Expansion of Existing North Parking Lot	Saint Mary's College 1928 Saint Mary's Road Moraga, CA	Yes	Saint Mary's College	08/09/13	45-day (final)	Bio-retention facility	Proper installation	None	None

Comments:
While it is likely that Town Parks and Recreation Staff inspected the stormwater treatment facility at the Town's Moraga Commons Off-Street Parking Project during routine park maintenance activities, staff did not document any such inspection.

[53] Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.
[54] State the responsible operator for installed stormwater treatment systems and HM controls.
[55] State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).
[56] State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc…) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.
[57] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[58] State the enforcement action(s) taken, if any.

C.3.e.vi.Special Projects Reporting Table

Reporting Period – January 1 – June 30, 2013

Project Name & No.	Permittee	Address	Application Submittal Date[59]	Status[60]	Description[61]	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category[62]	LID Treatment Reduction Credit Available[63]	List of LID Stormwater Treatment Systems[64]	List of Non-LID Stormwater Treatment Systems[65]
None	Moraga	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[59] Date that a planning application for the Special Project was submitted.
[60] Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.
[61] Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.
[62] For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.
[63] For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.
[64]**:** List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area (assume % of total runoff = % of total equivalent impervious area).
[65] List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification. (Contra Costa's criteria were adopted March 20, 2013.)

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Program Highlights

Provide background information, highlights, trends, etc.

The Town's Business Inspection Plan is modified as new needs and/or requirements are identified and is updated annually with updated lists of potential facilities and facilities scheduled for inspection. The Town contracts with Central Contra Costa Sanitary District to update the target businesses as well as inspection frequencies and priorities. The Town's stormwater consultant attended CCCWP Commercial/Industrial Stormwater Inspection Training Workshop. Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 13-14 Annual Report for a description of activities of the CCCWP's Municipal Operations Committee and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	X	Yes		No

If No, explain:

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

See attached Town inventory (Attachment C.4.b.iii.(1)).

C.4.b.iii.(2) ►Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

See attached Town list of facilities scheduled for inspection (Attachment C.4.b.iii.(2)).

C.4.c.iii.(1) ►Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.

	X	Permittee reports multiple discrete violations on a site as one violation.
		Permittee reports the total number of discrete violations on each site.

	Number	**Percent**
Number of businesses inspected	**24**	
Total number of inspections conducted	**26**	
Number of violations (excluding verbal warnings)	**0**	
Sites inspected in violation	**0**	**0%**
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	**NA**	**NA**

Comments:
Sites where no actual discharge is observed and verbal warnings are issued are not considered to be in violation. Sites where discharge has or is taking place are given written Notices of Violation and require follow-up.

C.4.c.iii.(2) ►Frequency and Types/Categories of Violations Observed

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	**Number of Violations**
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	0

Comments:
One or more discharges at a single site are counted as a single violation.

C.4.c.iii.(2) ►Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP)[60]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[61]
Level 1	Verbal Waning / Warning Notice of Education	**0**	**NA**
Level 2	Written Notice of Violation	**0**	**NA**
Level 3	Administrative Citation	**0**	**NA**
Level 4	Legal Action/ Referral to State	**0**	**NA**
Total		**0**	**NA**

C.4.c.iii.(3) ►Types of Violations Noted by Business Category

Fill out the following table or attach a summary of the following information.

Business Category[62]	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Commercial	**0**	**0**
Dry Cleaner	**0**	**0**
Fire Station	**0**	**0**
Fleet Operations	**0**	**0**
Food Service	**0**	**0**
Gas Station	**0**	**0**
Grocery Store	**0**	**0**
Mobile Service	**0**	**0**
Permitted IU	**0**	**0**
Residential	**0**	**0**
Vehicle Service	**0**	**0**

[60] Agencies to list specific enforcement actions as defined in their ERPs.
[61] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[62] List your Program's standard business categories.

C.4.c.iii.(4) ►Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.d.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Commercial/Industrial Stormwater Inspection Training Workshop – Brentwood Community Center	5/8/14	• What Constitutes a Stormwater Violation? • Overview of Site Visit and Mock Inspection • Guided Tour and Mock Inspection of Streets of Brentwood • Building a Strong Enforcement Case • Mapping the Storm Sewer Systems: An Important Component to Your Municipality's Illicit Discharge Detection and Elimination System	6	67%
CCCSD Sampling Training	4/30/14	• Proper sampling methods • Sample preservation and holding times	8	89%
CCCSD Customer Service Training	6/17/14	• Communication skills • Non-verbal queues	1	11%
CWEA – NRTC	9/11-12/13	• Stormwater education and outreach • Trash management	1	11%
CWEA Annual Conference	4/29/14	• Inspector Training • Stormwater BMPs Outreach	1	11%
CalEPA Basic Inspector Academy	3/11-14/14	• Investigation • Evidence • Witness testimony • Case Development • Interagency Coordination	1	11%
Regulatory Investigative Techniques	1/24-27/14	• Interview skills • Gathering and preserving evidence	1	11%
Environmental Enforcement Training	6/11/14	• Report writing • Evidence • Developing a case	2	22%

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights

Provide background information, highlights, trends, etc.

The Town conducts annual inspections and cleaning of all municipally-maintained drain inlets. These inspections and observations aid in the detection of illicit discharges. The detection and abatement of illicit discharges remains unchanged with no complaints received or illicit discharges identified. Refer to the C.5 Illicit Discharge Detection and Elimination section of CCCWP's FY 13-14 Annual Report for description of activities conducted at the countywide or regional level of behalf of all Permittees.

C.5.c.iii ►Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
#1. 1-800-NO-DUMPING	County-wide contact number	1-800-NO-DUMPING
#2. Moraga Police Department	Police Interface for Dispatch	925-284-5010

C.5.d.iii ►Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:

The Town of Moraga does not directly engage or hire Mobile Surface Cleaners. The Town's inspector will respond to community reports or observations to provide guidance and education to Mobile Surface Cleaners. The Town (through CCCSD) did inspect a mobile surface cleaning businesses this reporting year and found no violations. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 13-14 Annual Report for a description of efforts by the CCCWP's Municipal Operations Committee and the BASMAA Municipal Operations Committee to address mobile businesses.

C.5.e.iii ►Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

The Town of Moraga has approximately 1,100 storm drain inlets including approximately 50 on private property. The Town inspects every municipally-maintained drain inlet at least once per year (generally in the fall). The Town does some maintenance but contracts out the majority of the maintenance of the inlets. Inlets with substantial debris accumulation are scheduled for an additional visit, generally during the rainy season. The Town has not observed major trash accumulation in any inlets but does clean out substantial organic debris (leaves, etc.) from the many trees along the streets. The level of debris accumulation is relatively unchanged from previous years. In FY 2013-2014, there were no

reported or observed illicit discharges.

C.5.f.iii.(1), (2), (3) ►Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	0	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	0%
Discharges resolved in a timely manner (C.5.f.iii.(3))	0	0%

Comments:

C.5.f.iii.(4) ►Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

No spills or discharges were reported in FY 13-14.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ►Site/Inspection Totals

Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
0	**1**	**6**

Comments:

The single site disturbing more than one acre of soil in FY 13-14 was the Alioto Recreation Center at St Mary's College. The project was shut down from July through December 2013; during that time, no construction activity occurred on site and BMPs were in place. Construction activity commenced in January 2014. The grading inspector noted that the contractor did a good job installing and maintaining BMPs throughout the rainy season.

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[63] excluding Verbal Warnings	% of Total Violations[64]
Erosion Control	**0**	**0%**
Run-on and Run-off Control	**0**	**0%**
Sediment Control	**0**	**0%**
Active Treatment Systems	**0**	**0%**
Good Site Management	**0**	**0%**
Non Stormwater Management	**0**	**0%**
Total[65]		**NA**

[63] Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

[64] Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

[65] The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

C.6.e.iii.1.e ►Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP)[66]	Number Enforcement Actions Issued	% Enforcement ActionsIssued [67]
Level 1[68]	Verbal or written warning	**0**	**0%**
Level 2	Notice of violation	**0**	**0%**
Level 3	Administrative citation	**0**	**0%**
Level 4	Legal action/referral to State	**0**	**0%**
Total			**NA**

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	**0**
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	**0**

[66] Agencies should list the specific enforcement actions as defined in their ERPs.
[67] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[68] For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.1.h, i ►Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	**0**	**0%**[69]
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	**0**	**0%**[70]
Total number of violations (excluding verbal warnings) for the reporting year[71]		**NA**
Comments:		

C.6.e.iii.(2) ►Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

It is difficult to compare with previous years, because there has been a limited number of construction projects in the last three years and when there have been projects, it has been the same project. The only construction projects in FY 12-13 and 13-14 were at St. Mary's College, associated with construction of a new recreation facility. In FY 11-12, there were no construction projects to inspect. While in in FY 10-11, three sites were inspected and 15 violations occurred. That being said, St Mary's College did a good job maintaining their BMPs throughout the relatively dry rainy season of FY13-14.

[69] Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.
[70] Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.
[71] The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.e.iii.(2) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

Given the economic downtown of the last several years, there has been minimal construction in the Town, with the only construction project disturbing more than one acre in FY 13-14 being at St Mary's College. With the economic recovery, the Town will be seeing increased construction activity in FY 14-15 and in the coming years as developers re-activate previously approved projects that laid dormant and as newly approved projects enter construction (see Section C.3 for approvals of C.3 regulated projects). As construction projects increase, the Town will review and optimize its inspection data tracking tools to accommodate the increased inspection load. The Town contracts its grading inspection services with Contra Costa County Building Inspection Department whose staff receives training periodically through the CCCWP and other entities. Refer to the C.6 Construction Site Control section of the CCCWP's FY 13-14 Annual Report for a description of activities at the countywide or regional level.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Site Stormwater Controls Workshop – Walnut Creek Civic Arts Education Center	April 10, 2014	• C.6 Requirements Overview • Recognizing C.6 BMPs – Inspector's Eye • Relating C.6 to the Construction General Permit • Inspections, Documentation, and Reporting • Enforcement – Using the ERP • Using Inspection Tools Exercise and Discussion	6 (4 grading and 2 building); the Town of Moraga utilizes Contra Costa County Building Inspection for grading and building permit inspections)	100%

Section 7 – Provision C.7. Public Information and Outreach

C.7.b.ii.1 ►Advertising Campaign

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary: **Refer to Section 7 in the CCCWP's FY 13-14 Annual Report for a complete review of advertising efforts conducted by the CCCWP on behalf of all Permittees.**

C.7.b.iii.1 ►Pre-Campaign Survey

(For the Annual Report following the pre-campaign survey) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

Place an **X** in the appropriate box below:

	Survey report attached
X	Reference to regional submittal: Refer to Section C.7 in the CCCWP's FY 13-14 Annual Report for complete details on the pre-campaign survey conducted for the CCCWP's Pesticide Campaign.

C.7.b.iii.2 ►Post-Campaign Survey

(For the Annual Report following the post-campaign survey) Discuss the campaigns and the measureable changes in awareness and behavior achieved. Provide an update of outreach strategies based on the survey results. If survey was done regionally, refer to a regional submittal that contains the following information:

Place an **X** in the appropriate box below:

	Survey report attached
X	Reference to regional submittal: Refer to Section C.7 in the CCCWP's FY 13-14 Annual Report for complete details on the pre-campaign survey conducted for the CCCWP's Pesticide Campaign.

C.7.c ►Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:

Given its limited resources the Town of Moraga finds its more cost-effective and practical to participate in regional media efforts rather than more geographically limited ones. The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 13-14: BASMAA Media Relations Final Report FY 13-14. This report and any other media relations efforts conducted countywide are included within the C.7 Public Information and Outreach section of the Countywide Program's FY 13-14 Annual Report.

In addition, the Town publishes clean water outreach messages via the Town's recreation guide, which is mailed tri-annually to all Town residents. Outreach messages during the FY 13-14 year included: Fall 2013 (August 2013): Fall and Winter Creek Maintenance, Winter/Spring 2014 (November 2013): Sewers and Storm Drains: Two Different Systems Clean Pools, and Summer 2014 (April 2014): Where Does Stormwater Flow?.

C.7.d ►Stormwater Point of Contact

Summary of any changes made during FY 13-14:

No Change.

C.7.e ►Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
Use the following table for reporting and evaluating public outreach events

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Community Faire in Moraga, May 10, 2014	**This is an informational, "get-acquainted" type of event to introduce goods and services to the residents. Held at one of the two shopping centers, the attendance has grown in past years. Clean Water materials were distributed and questions answered.**	**Approximately 100 residents visited the booth, which was an increase over the previous year, in part due to the use of the diorama. Clean water information items were distributed. A total of 69 attendees filled out a clean water survey to receive giveaways (see Attachment C.7.e). As shown by the survey results, the residents are very well educated about stormwater.**

Event Details	**Description** (messages, audience)	Evaluation of Effectiveness
Pear Festival at Commons Park in Moraga, September 28, 2013	**Public festival with informational booths, food and entertainment. Provided trash removal, Clean Water program materials, and answered questions from residents. In addition, this year Mr. Funnelhead attended the event, increasing outreach to children.**	**This annual event is well attended by residents and visits to the stormwater information booth reflect a moderate level of interest. Approximately 75 attendees. Same outreach material provided as at Community Faire.**
Bringing Back the Natives Garden Tour, May 2014	**Tour to encourage landscaping using native plants, minimizing pesticides and fertilizer use, water conservation, mulching and composting, etc. for East Bay residents. Two gardens in Moraga were featured on this year's tour (the same number as the 2013 event), maintaining the same level of accessibility to Moraga residents.**	**See the FY 13/14 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.**
Our Water Our World	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**

C.7.f. ►Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

Please see the Fiscal Year 2013-2014 Group Program Annual Report, Section C.7, for a detailed report on BASMAA and the Program's encouragement and support of various Watershed Stewardship Collaborative Efforts, which includes the Program's website CCCleanWater.org Community Calendar, County-wide staff participation in the Contra Costa Watershed Forum, and support of the Green Business Program.

C.7.g. ►Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
Community Watershed Stewardship Grant Program	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**
CCCleanWater.org Community Calendar	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**
MyGreenGarden.org	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**

C.7.h. ►School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.
Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
"Be Classy Not Trashy" Youth Outreach Litter Campaign	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**
Mr. Funnelhead	**Mr. Funnelhead entertains while he teaches about the importance of storm drain pollution and the recycling of used motor oil and filters. Along the way, Mr. Funnelhead encounters different characters improperly disposing used motor oil.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**	**See the Fiscal Year 2013/2014 Group Program Annual Report, Section C.7 for further information.**

	The shows include a state of the art sound system, lights, special effects and quality actors as well as a diorama.		

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ►Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 13-14, the Town of Moraga contributed through the CCCWP to the BASMAA Regional Monitoring Coalition (RMC). In addition, the Town contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and was represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the CCCWP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 13-14 Annual Report and the Integrated Monitoring Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ►Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used[72]

Pesticide Category and Specific Pesticide Used	Amount[73]				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	**0**	**0**	**0**	**0**	**0**
Pyrethroids	**0**	**0**	**0**	**0**	**0**
Carbaryl	**0**	**0**	**0**	**0**	**0**
Fipronil	**0**	**0**	**0**	**0**	**0**

C.9.c ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	**4**
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	**4**
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	**100%**

[72] Includes all municipal structural and landscape pesticide usage by employees and contractors.
[73] Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

C.9.d ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?		Yes	X	No

If yes, attach one of the following:

- [ ] Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
- [ ] Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
- [ ] Equivalent documentation.

If **Not attached**, explain:

The Town staff performs all tasks related to IPM in-house because Town staff is trained in the proper pesticide application methods. All work in the Town on public lands (thistle eradication project on Mulholland Ridge undertaken by Contra Costa County) adheres to the Town IPM's policy.

C.9.e ►Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected **OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 13-14, we participated in regulatory processes related to pesticides through contributions to the CCCWP, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.f ►Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		Yes	X	No

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

C.9.h.ii ►Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP's FY 13-14 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

C.9.h.vi ►Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 13-14 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use through Our Water Our World and the Pesticides Linger Pilot Implementation.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture

Provide the following:

1) Descriptions of actions/tasks completed towards achieving the Minimum Full Trash Capture requirement in provision C.10.a.iii. Include the:
   - Total number and types of full capture devices (publicly and privately-owned) installed to-date;
   - Total land area (acres) and land areas within each trash generation category (i.e., very high, high, moderate and low) treated by full capture devices (or other types of devices for non-population based Permittees), in comparison to the MRP-required full capture requirements in Attachment J to the MRP; and,
   - Percentage of jurisdictional land areas with very high, high, moderate and low trash generation rates treated by full capture devices.
2) A narrative summary of maintenance activities implemented for each device, group of devices, or device type, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted or Planned):

- The Town of Moraga has installed 31 full-trash capture devices (Revel Environmental Manufacturing [REM] Storm Water Filters: Triton Bioflex Trash Guard [BFTG] Drop Inlets. They are located in the two main commercial areas of town (Moraga Center and Rheem Center), adjacent to Campolindo High School, and in surrounding areas.
- The total area treated by all devices is 33 acres (this number is corrected from that reported in the FY12-13 AR); the Town's required minimum treatment area in MRP Attachment J is 32 acres.
- The Town did not install any other full trash capture devices (no netting devices, HDS Units, GSRDs). In addition, while LID facilities have been installed, the Town has not accounted for trash collection from those LID facilities. The vast majority are located on residential lots in low trash generation area, with two notable exceptions: the bio-retention basin at the Moraga Commons Off-Street Parking Project and a bio-retention facility installed in a median adjacent to Rheem Boulevard.
- The following are the acres treated within each trash generation category by FTCDs:
  Low – 15 acres; Moderate – 1 acre; High 16 acres; and Very High – 0 acres (there are no very high trash generation areas in the Town)
- The following are the percentage of jurisdictional area within each trash generation category treated to-date by FTCDs:
  Low – 0%, Moderate – 1%; High – 13%, and Very High - 0 %.
- The total percentage of land area treated by full trash capture devices is 0.5%.

Descriptions of Maintenance Activities:

- The Town's 31 full-trash capture devices are maintained tri-annually (August 22, 2013, December 12, 2013, and March 27, 2014). Maintenance activities include ensuring filter is secure in basin; removal of debris from, in and around filter; vacuuming and pressure-washing unit; inspecting that filter is functioning properly; and removing and replacing, if needed, the filter media. All filters were observed to be secure in basin. Filter media was replaced in all devices at least one time during reporting period.
- All the units contained landscape debris/silt. Four of the 31 units were observed during each of the three inspections to contain trash in addition to landscape debris/silt: Unit No 2 located near Moraga Center on Moraga Way, Unit No. 11 located in Rheem Center on Moraga Road near Donald Drive, and Unit Nos. 28, and 29 located near Campolindo High School at Moraga Road/Campolindo Drive intersection.

C.10.b.iii ► Trash Hot Spot Assessment

Provide the volume of material removed during each MRP-required Trash Hot Spot cleanup during each fiscal year, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources in FY 2013-14 to the extent possible.

Trash Hot Spot	FY 13-14 Cleanup Date	Volume of Trash Removed (cubic yards)				Dominant Type(s) of Trash in FY 2013-14	Trash Sources in FY 2013-14 (where possible)
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14		
Moraga Creek (across from Campolindo High School, Moraga Road; Latitude 37.868092, Longitude -122.124997)	6/3/2-14	~0.20 cubic yards	~0.20 cubic yards	~0.20 cubic yards	~0.04 cubic yards	Plastic bags, convenience/fast food items, bottles (plastic or glass), Styrofoam, other plastic products, paper and cardboard	Litter from residential (single-family) and public institutional sources (Campolindo High School, bus stop)

C.10.c ►Long-Term Trash Load Reduction Plan

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), trash generation maps, control measures, or time schedules identified in your plan.

Description of Significant Revision	Associated TMA
While the locations of the full trash capture devices did not change, the allocation of those devices and the associated acreage treated has been reviewed and revised since submittal of the Long Term Trash Plan. The number of FTCDs and acreage treated by TMA is now (underlined numbers are revised): **TMA 1 – 6 FTCDs treating 5 acres** **TMA 2 – 10 FTCDs treating 8 acres** **TMA 3 – 11 FTCDs treating 10 acres** **TMA 4 - 0 FTCDs treating 0 acres** **TMA 5 – 4 FTCDs treating 10 acres**	**1, 2, 3, 5**
Refer to C.10.d, Part C (Estimated Overall Trash Load Reduction) for a discussion of additional or revised measures that the Town will consider implementing.	**1, 2, 3, 4, 5**

C.10.d ► PART A - Trash Control Measure Implementation and Assessment (Jurisdictional-wide Actions)

Provide a description of each jurisdictional-wide trash control measure implemented to-date. Identify the dominant trash source(s) and dominant type(s) of trash addressed by each control measure. For each jurisdictional-wide measure, identify the trash assessment method(s) used to demonstrate on-going reductions, summarize the results of the assessment(s), and estimate the associated reduction of trash within your jurisdictional area.

Control Measure	Summary Description of Control Measure & Dominant Trash Sources and Types	Assessment Method(s)	Summary of Assessment Results To-date	Estimated % Trash Reduced
Public Education and Outreach Programs Targeted at Trash Reduction and Implemented post-MRP Adoption	Through the CCCWP, the Permittees conducted a "Litter Travels, But It Can Stop with You" multi-year campaign that started in FY 2009-2010 and ran through FY 2011-2012. The multi-media campaign was designed to educate citizens about the impacts of trash and litter in the County's waterways and how they can help address this problem. The campaign included TV spots, billboards, posters at BART stations, placards on transit buses, print ads, and updates to the CCCWP website. Other outreach included more than 10,000 letters to County residents, contact with youth sport leagues, outreach to 17 school districts in the County, and distribution of flyers to students in 5 of those districts. Pre and post-campaign surveys were conducted. In addition, as per MRP requirement Provision C.3.a i (7) and C.3.c.i (1) (f), municipalities stencil all new storm drains with the No Dumping - Drains to the Bay signage (or equivalent) and maintain stencils on all storm drains. Both Litter Travels and storm drain stenciling are aimed at reducing all trash types and sources.	Survey results conducted from the multi-year "Litter Travels" advertising campaign	Surveys were conducted to measure the effectiveness of the "Litter Travels" campaign that ran from 2009 to 2012. As stated in the May 2010, Topline Report, there was 18% increase between 2009 and 2010 in the "very willing" response to the question of "How willing are you to participate in a community event to help cleanup trash." As shown in the June 2011 Topline report, there was a 21% increase from 2009 to 2011 in the "very high" response to the question of "How high would you rate your own concern about litter polluting water?" While metrics are not currently available to gauge the effectiveness of storm drain stenciling, both the US EPA and the State Water Board recognize the value of stenciling in raising awareness of the connection between storm drains and receiving waters. The US EPA includes storm drain stenciling as a BMP for NPDES permits under Public Outreach and Participation. The State Water Board in its release of Draft Amendments to the Statewide Water Quality Control Plans to Control Trash includes storm drain stenciling as one means of educating the public about the direct discharge of storm water to receiving waters and the effects of littering and dumping on receiving water quality. While both the "Litter Travels" campaign and storm drain stenciling cannot be assigned specific trash reduction percentages, a 2% reduction has been assigned based on best professional judgment.	**2%**

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

Complete the following trash control measure implementation and assessment summary for <u>each</u> primary trash management area (TMA) identified in your Long-term Plan. Include the following information:

- Identify the total jurisdictional area and the % of that area that generates very high (VH), high (H), moderate (M), or low (L) levels of trash;
- Identify the dominant trash source(s) and dominant type(s) of trash addressed or to-be addressed in the TMA;
- Include the area currently treated by full capture devices, the quantity and type of devices installed to-date, and the % of jurisdictional area that generates very high (VH), high (H), moderate (M), and low (L) levels of trash after accounting for reductions via full capture devices;
- Summarize control measures other than full capture devices implemented to-date, distinguishing between implementation that began pre- and post-MRP effective date. If not implemented in the entire TMA, describe generation category targeted and % of TMA addressed;
- Provide the % of the jurisdictional area that generates very VH, H, M or L levels of trash after accounting for all control measures implemented to-date;
- Describe the methods used to evaluate the effectiveness of control measures other than full capture devices, and any assessment results to-date. If the method was not implemented in the entire TMA, describe generation category targeted and %of TMA addressed; and
- Provide an estimate of the % of trash reduced in the TMA and jurisdiction-wide.

C.10.d ► PART B - Trash Control Measure Implementation and Assessment (TMA Specific Actions)

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
1	65	Pedestrian-generated litter. special events, inadequate container management	All types	Baseline Generation (Pre-MRP)	0	52	46	2
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0	46	45	9
Total Area (Acres)	5	6 Revel Environmental Manufacturing [REM] Storm Water Filters: Triton Bioflex Trash Guard [BFTG] Drop Inlets (top hat units); publicly owned and maintained						
% of TMA	8							
% of VH/H/M	8							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

On-land Trash Cleanups - In FY 13/14, an estimated 379 gallons of trash was collected via the weekly on-land cleanups. This estimate assumes that the 40-gallon bags collected were on average 75% full and uses data from on-land cleanup forms completed for the months of March through June 2014 only (forms for July 2013 through February 2014 could not be located). The Town plans to enhance service and increase participants/volunteers starting in FY 14-15.
Street sweeping – continue current sweeping frequency (semi-annually; no increased frequency proposed)
Improved Trash Bins/Container Management – increase trash bins starting 7/2014 onward

Assessment Methods for Control Measures Other than Full Capture Devices

On-land Trash Cleanups - Track amount and type of trash removed. Town will utilize Work Furlough Program to collect trash and Public Works staff will assess amount of time it takes the section of road to reach the baseline level. Pickup frequencies will then be maintained, increased, or decreased based on assessment data.
Street sweeping – NA (no increase in frequency)
Improved Trash Bins/Container Management – Track and report pre- and post-implementation conditions of trash bins. Public Works staff will evaluate the amount of trash and compare amount of time for specific trash bin to become full and modify trash pickup frequency accordingly to avoid improper disposal or windblown trash.

Summary of Assessment Results To-date

An on-land visual assessment of TMA 1 on 6/30/14 resulted in assigning the TMA to the high trash condition category. Assessment was preceded by an on-land trash cleanup on 6/29/14 from streets adjacent to the TMA. More detailed assessments and review of the effectiveness/extent of the on-land trash cleanups conducted by the Work Furlough Program will be performed in FY 14-15.

After taking into account all New or Enhanced (post-MRP) Control Measures	0	46	45	9
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	41			
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	11			

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
2	80	Pedestrian-generated litter and special events, inadequate container management	All types	Baseline Generation (Pre-MRP)	0	46	1	53
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**		After taking into account Full Capture Devices	0	40	1	59
Total Area (Acres)	8	10 Revel Environmental Manufacturing [REM] Storm Water Filters: Triton Bioflex Trash Guard [BFTG] Drop Inlets (top hat units); publicly owned and maintained						
% of TMA	10							
% of VH/H/M	12							
Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices				After taking into account all New or Enhanced (post-MRP) Control Measures	0.0	40	1	59
On-land Trash Cleanups - In FY 13/14, an estimated 158 gallons of trash was collected via the weekly on-land cleanups. This estimate assumes that the 40-gallon bags collected were on average 75% full and uses data from on-land cleanup forms completed for the months of March through June 2014 only (forms for July 2013 through February 2014 could not be located). The Town plans to enhance service and increase participants/volunteers in FY 14-15. **Street sweeping** – continue current sweeping frequency (semi-annually; no increased frequency proposed) **Improved Trash Bins/Container Management** – increase trash bins starting 7/2014 onward								
Assessment Methods for Control Measures Other than Full Capture Devices								
On-land Trash Cleanups - Track amount and type of trash removed. Town will utilize Work Furlough Program to collect trash and Public Works staff will assess amount of time it takes the section of road to reach the baseline level. Pickup frequencies will then be maintained, increased, or decreased based on assessment data. **Street sweeping** – NA (no increase in frequency) **Improved Trash Bins/Container Management** – Track and report pre- and post-implementation conditions of trash bins. Public Works staff will evaluate the amount of trash and compare amount of time for specific trash bin to become full and modify trash pickup frequency accordingly to avoid improper disposal or windblown trash.								
Summary of Assessment Results To-date								
An on-land visual assessment of TMA 2 conducted by Town staff on June 30, 2014 resulted in assigning the TMA to the high trash condition category. This assessment was preceded by an on-land trash cleanup by the Work Furlough Program on June 29, 2014 that collected trash from streets adjacent to the TMA. More detailed assessments and review of the effectiveness/extent of the on-land trash cleanups conducted by the Work Furlough Program will be performed in FY 14-15.								

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	**27**
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	**7**

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
3	62	Pedestrian-generated litter, inadequate container management	All types	Baseline Generation (Pre-MRP)	0	87	0	13
Trash Full Capture Devices		**Summary Descriptions of Full Trash Capture Devices (Quantity and Type)**		After taking into account Full Capture Devices	0	74	0	26
Total Area (Acres)	10	11 Revel Environmental Manufacturing [REM] Storm Water Filters: Triton Bioflex Trash Guard [BFTG] Drop Inlets (top hat units); publicly owned and maintained						
% of TMA	16							
% of VH/H/M	14							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

On-land Trash Cleanups - In FY 13/14, approx. 222 gallons of trash was collected via the weekly on-land cleanups. Estimate assumes 40-gallon bags were on 75% full and uses data from forms completed for March through June 2014 only (forms for 7/13 to 2/14 could not be located). The Town plans to enhance service and increase participants/volunteers in FY 14-15.
Street sweeping – continue current sweeping frequency (semi-annually; no increased frequency proposed)
Improved Trash Bins/Container Management – increase trash bins starting 7/2014 onward
Creek Cleanups – evaluate frequency of creek cleanup and adjust as necessary

Assessment Methods for Control Measures Other than Full Capture Devices

On-land Trash Cleanups/Creek Cleanups - Track amount and type of trash removed. Town will utilize Work Furlough Program and/or volunteers to collect trash and Public Works staff will assess amount of time it takes the section of road to reach the baseline level. Pickup frequencies will then be maintained, increased, or decreased based on assessment data.
Street sweeping – NA (no increase in frequency)
Improved Trash Bins/Container Management – Track and report pre- and post-implementation conditions of trash bins. Public Works staff will evaluate the amount of trash and compare amount of time for specific trash bin to become full and modify trash pickup frequency accordingly to avoid improper disposal or windblown trash.
Street sweeping – NA (no increase in frequency)

Summary of Assessment Results To-date

An on-land visual assessment of TMA 3 on 6/30/14 indicated a medium trash condition category. Assessment was preceded by an on-land trash cleanup on 6/29/14 from streets adjacent to the TMA. The performance of this assessment immediately following on-land trash cleanup and outside of the school year may be the reason for the medium condition assessment. Performance of additional assessments prior to and after on-land trash cleanups and during the school year will be performed in FY 14-15.

After taking into account all New or Enhanced (post-MRP) Control Measures	0	74	0	26
Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	**28**			
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	**10**			

TMA ID	TMA Area (Acres)	Dominant Sources	Dominant Types		% TMA in Each Trash Generation Category			
					VH	H	M	L
4	61	Pedestrian-generated litter, inadequate container management	All types	Baseline Generation (Pre-MRP)	0	0	100	0
Trash Full Capture Devices		Summary Descriptions of Full Trash Capture Devices (Quantity and Type)		After taking into account Full Capture Devices	0	0	100	0
Total Area (Acres)	0	None						
% of TMA	0							
% of VH/H/M	0							

Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices

On-land Trash Cleanups - In FY 13/14, an estimated 429 gallons of trash was collected via the weekly on-land cleanups. This estimate assumes that the 40-gallon bags collected were on average 75% full and uses data from on-land cleanup forms completed for the months of March through June 2014 only (forms for July 2013 through February 2014 could not be located). The Town plans to enhance service and increase participants/volunteers in FY 14-15.
Street sweeping – continue current sweeping frequency (semi-annually; no increased frequency proposed)
Improved Trash Bins/Container Management – increase trash bins starting 7/2014 onward

Assessment Methods for Control Measures Other than Full Capture Devices

On-land Trash Cleanups - Track amount and type of trash removed. Town will utilize Work Furlough Program and/or volunteers to collect trash and Public Works staff will assess the amount of time it takes the section of road to reach the baseline level. Pickup frequencies will then be maintained, increased, or decreased based on assessment data. The estimated trash collected in FY 13-14 from the on-land cleanups represents an estimated 94% trash reduction effort. The Town will be seeking guidance to assess if this TMA or adjacent Camino Pablo (in TMA 5) should be reclassified to another trash generation category based on this existing activity.
Street sweeping – NA (no increase in frequency)
Improved Trash Bins/Container Management – Track and report pre- and post-implementation conditions of trash bins. Public Works staff will evaluate the amount of trash and compare amount of time for specific trash bin to become full and modify trash pickup frequency accordingly to avoid improper disposal or windblown trash.

Summary of Assessment Results To-date

No assessments performed to date.

				After taking into account all New or Enhanced (post-MRP) Control Measures	0	0	100	0

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	94
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	10

<table>
<tr><th rowspan="2">TMA ID</th><th rowspan="2">TMA Area (Acres)</th><th rowspan="2">Dominant Sources</th><th rowspan="2">Dominant Types</th><th rowspan="2"></th><th colspan="4">% TMA in Each Trash Generation Category</th></tr>
<tr><th>VH</th><th>H</th><th>M</th><th>L</th></tr>
<tr><td>5</td><td>5,659</td><td>Pedestrian-generated litter</td><td>All types</td><td>Baseline Generation (Pre-MRP)</td><td>0</td><td>0</td><td>0</td><td>100</td></tr>
<tr><td colspan="2">Trash Full Capture Devices</td><td colspan="2">Summary Descriptions of Full Trash Capture Devices (Quantity and Type)</td><td rowspan="4">After taking into account Full Capture Devices</td><td rowspan="4">0</td><td rowspan="4">0</td><td rowspan="4">0</td><td rowspan="4">100</td></tr>
<tr><td>Total Area (Acres)</td><td>10</td><td colspan="2" rowspan="3">4 Revel Environmental Manufacturing [REM] Storm Water Filters: Triton Bioflex Trash Guard [BFTG] Drop Inlets (top hat units); publicly owned and maintained</td></tr>
<tr><td>% of TMA</td><td>0</td></tr>
<tr><td>% of VH/H/M</td><td>20</td></tr>
<tr><td colspan="5">Summary Descriptions of Control Measures Implemented Since MRP Adoption, Other than Full Capture Devices</td><td rowspan="5">After taking into account all New or Enhanced (post-MRP) Control Measures</td><td rowspan="5">0</td><td rowspan="5">0</td><td rowspan="5">0</td><td rowspan="5">100</td></tr>
<tr><td colspan="5">Street sweeping – continue current sweeping frequency (semi-annually; no increased frequency proposed)</td></tr>
<tr><td colspan="5">Assessment Methods for Control Measures Other than Full Capture Devices</td></tr>
<tr><td colspan="5">Street sweeping – NA (no increase in frequency)</td></tr>
<tr><td colspan="5">Summary of Assessment Results To-date</td></tr>
<tr><td colspan="5">NA</td></tr>
</table>

Estimated % Trash Reduction in TMA due to New or Enhanced Post-MRP actions	20
Estimated % Trash Reduction Jurisdiction-wide due to New or Enhanced Post-MRP actions	0

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Discussion of Trash Reduction Estimate:

While on-land assessments have not yet been performed to assess the effectiveness of on-land cleanups, the Town has conservatively accounted for trash reduction from on-land cleanups.

The Town conducts on-land trash cleanups on the major arterial roads (Moraga Road, Moraga Way, St Mary's Road, Canyon Road) and other smaller collector roads, which traverse TMAs 1 through 4. Trash cleanups along the roads and from receptacles are conducted weekly every Sunday. For FY 13-14, completed forms documenting cleanup activities were available only for the months of March, April, May and June. Trash removed was allocated to TMAs 1 through 4 by evenly apportioning the trash collected to those TMAs located along the road. Although Town maintenance staff have reported the bags to be filled 100%, an assumption was made that the bags were 75% full. The trash reduced by TMA by on-land cleanups for FY 13-14 was thus conservatively estimated based on the four months of data as follows: TMA 1 – 379 gallons, TMA 2 – 158 gallons, TMA 3- 222 gallons, TMA 4 – 429 gallons.

In FY 14-15 the Town will begin on-land visual assessments coordinated with on-land trash cleanups to verify trash condition categories of TMAs and determine the level of effectiveness and necessary frequency of on-land cleanups. An on-land assessment conducted in June 2014 of TMA 3 indicated a trash condition of medium, rather than the high assigned to the majority of the TMA. Additional on-land visual assessments will be conducted to determine if the medium condition observed was due to recent on-land trash cleanups, school being out of session, or other factors. On-land visual assessments conducted in both TMAs 1 and 2 (the Town's commercial centers) in June 2014 indicated a high trash condition whereas only about half of both TMAs are considered high (the remaining half being either low or medium) and the assessments were conducted the day after on-land trash cleanups. More detailed on-land visual assessments will be conducted in TMAs 1 and 2 to identify localized higher areas of trash generation within the shopping centers so as to better target on-land trash cleanups and improved container management.

The Town had anticipated a higher level of effectiveness from the installed FTCDs as it has installed FTCD in all municipally-maintained storm drain inlets adjacent to TMAs 1 through 3. To increase the trash removal rate from FTCDs in TMAs 1 through 3, the Town may consider replacing existing municipally-maintained top hat devices at strategic locations with in-line devices so that trash is collected from upstream private properties, thereby increasing the treatment area, or installing a large in-line device downstream of TMAs 2 and 3.

Lastly, the Town will consider adoption or coordination with other municipalities in adoption of a jurisdiction-wide product plans. A survey conducted during the Town's Community Faire indicated public support of a ban on both plastic bags and Styrofoam containers.

C.10.d ► PART C – Estimated Overall Trash Load Reduction

For Population-based Permittees, provide an estimate of the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the estimate on the information presented in C.10.d – Parts A and B and creek/shoreline cleanups not reported in C.10.b.iii. Provide a statement regarding the confidence in the estimate and challenges and/or successes in measuring progress towards the 40% trash reduction target described in provision C.10.

Estimated % Trash Reduction due to Jurisdictional-wide Actions	2
Estimated % Trash Reduction due to Trash Full Capture Devices (All TMAs)	11
Estimated % Trash Reduction due to Other Control Measures (All TMAs)	27
SubTotal for Above Actions	**40**
Estimated % Trash Reduction due to Creek/Shoreline Cleanups (All TMAs)	0
Total Estimated % Trash Reduction in FY 13-14	**40**

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Refer to FY 12-13 CCCWP Annual Report for a list of mercury collection and recycling efforts conducted county-wide and regionally.

C.11.a.ii ►Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Please refer to the FY 13-14 CCCWP Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

C.11.b ►Monitor Methylmercury
C.11.c ►Pilot Projects to Investigate and Abate Mercury Sources in Drainages
C.11.d ►Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices
C.11.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit
C.11.f ►Diversion of Dry Weather and First Flush Flows to POTWs
C.11.g ►Monitor Stormwater Mercury Pollutant Loads and Loads Reduced
C.11.h ►Fate and Transport Study of Mercury In Urban Runoff
C.11.i ►Development of a Risk Reduction Program Implemented Throughout the Region
C.11.j ►Develop Allocation Sharing Scheme with Caltrans

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of CCCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 13-14 Annual Report, Integrated Monitoring Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ►Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

The Town has no industrial facilities located within its jurisdiction. See the FY 13-14 CCCWP Annual Report for a description of training provided countywide and/or regionally.

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities
C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations
C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices
C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit
C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs
C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced
C.12.h ►Fate and Transport Study of PCBs In Urban Runoff
C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of CCCWP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 13-14 Annual Report, Integrated Monitoring Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(2) ►Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken again noncompliance

The Town contracts out building inspection services to the Building Department of Contra Costa County. The Town has an ordinance (Moraga Municipal Code Chapter 13.04) relating to Storm Water Management and Discharge Control, which the County Building Inspection Department enforces. This ordinance provides sufficient authority to prohibit the discharge of any type of pollutant to the Town's storm drain system, including wastewater generated from installation, cleaning, treating, and washing of the surface of architectural features. Any illicit discharge related to architectural copper would be enforced in accordance with the Town's Enforcement Response Plan. The ordinance also requires regulated projects to implement a Stormwater Control Plan in accordance with the most recent version of the C.3 Guidebook, which includes avoidance of copper architectural features as a source control measure.

The Town's Building Code (Chapter 15.04) incorporates the 2010 California Green Building Standards Code (California Code of Regulations, Title 24, Part 11). The Construction and Demolition Debris Recycling Ordinance (Chapter 8.156) requires that waste related to any use of architectural copper be recycled or disposed of at an appropriate facility.

The County's Building Inspection counter includes outreach materials related to architectural copper that discourage its use and recommended BMPs to minimize water pollution related to maintenance of existing architectural copper features.

C.13.d.iii ►Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary

The Town of Moraga has very limited commercial/retail and no industrial facilities. No facilities were identified as users or sources of copper. Please refer to BASMAA POC inspector training materials that CCCSD inspectors are trained in.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

Note: There are no reporting requirements in the FY 13-14 Annual Report for Section C.14.

Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?		**Yes**	**X**	**No**
If **No**, skip to C.15.b.vi.(2):				
If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments:				

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The Town supports the use of less toxic pest control measures and models its own IPM policy for other agencies. The Town supports use of native and drought tolerant vegetation through the Bringing Back the Natives effort and in all new development approval processes described in Section C.3.a above. The Town also responds to all complaints of illicit discharges. In addition, the Town through the CCCWP promotes several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:

- **6th Edition Stormwater C.3 Guidebook adopted by ordinance promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).**
- **Green Business Program promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.**
- **Our Water Our World (OWOW) Program promotes to consumers and the point of purchase less toxic alternatives to combating lawn and garden pests.**
- **Bay Friendly Landscaping and Gardening Training and Certification Program promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.**

C.15.b.iii.(1) ►Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[74] (NTU)	Implemented BMPs & Corrective Actions
Not applicable	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[74] Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ►Unplanned Discharges of the Potable Water System[75]

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)[76]	pH (standard units) [52]	Discharge Turbidity (Visual) [52],	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[77]	Inspector arrival time	Responding crew arrival time
Not applicable	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[75] This table contains all of the unplanned discharges that occurred in this FY.
[76] Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.
[77]. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

Potential Facilities List
Town of Moraga

Attachment C.4.b.iii.(1))

Name	Address	City	Program Category
Aegis Living	Drive	Moraga	Assisted Living
Moraga Royale Retirement Home	1600 CANYON Road	Moraga	Assisted Living
Rheem Valley Convalescent Hospital	348 RHEEM Blvd	Moraga	Assisted Living
Moraga Wine & Spirits	1437 MORAGA Way	Moraga	Commercial
Rheem Theater	350 PARK Street	Moraga	Commercial
Vincenza Ranch Vineyard	500 RHEEM Blvd	Moraga	Commercial
Moraga Cleaners and Laundry	1425 MORAGA Way	Moraga	Dry Cleaner
Moraga Cleaners X-Press	1480 MORAGA Road F	Moraga	Dry Cleaner
Rheem Center Martinizing	482 CENTER Street	Moraga	Dry Cleaner
Rheem Valley Cleaners	568 CENTER Street	Moraga	Dry Cleaner
Rodgers Cleaners	339 RHEEM Blvd	Moraga	Dry Cleaner
Moraga-Orinda Fire District Station 42	555 MORAGA Road	Moraga	Fire Station
Moraga Corporate Yard	331 RHEEM Blvd	Moraga	Fleet Operations
7-eleven	633 MORAGA Road	Moraga	Food Service
Asia Palace	1460 MORAGA Road B	Moraga	Food Service
Bianca's Delicatessen	1480 MORAGA Road A	Moraga	Food Service
Burger King	470 MORAGA Road	Moraga	Food Service
Chef Chao	343 RHEEM Blvd	Moraga	Food Service
China Moon	380 PARK Street	Moraga	Food Service
Golden Palace	581 MORAGA Road	Moraga	Food Service
Homemade Kitchen Café and Bakery	337 RHEEM Blvd	Moraga	Food Service
Jack in the Box	1440 MORAGA Way	Moraga	Food Service
Kirin Sushi	356 PARK Street	Moraga	Food Service
Lamorinda Pizza	382 PARK Street	Moraga	Food Service
Little Hearty Noodle	578 CENTER Street	Moraga	Food Service
Loard's Ice Cream	1480 MORAGA Road H	Moraga	Food Service
Michaels's Ristorante	1375 MORAGA Way A	Moraga	Food Service
Moraga Band Shell Snack Bar	1425 ST MARYS Road	Moraga	Food Service
Mountain Mike's Pizza	504 CENTER Street	Moraga	Food Service
Mucho Wraps	1375 MORAGA Way	Moraga	Food Service
Nation's Hamburgers	400 PARK Street	Moraga	Food Service
New Dehli Bistro	484 CENTER Ave	Moraga	Food Service
Pennini's	1375 MORAGA Way D	Moraga	Food Service
Ranch House Cafe	1012 SCHOOL Street	Moraga	Food Service
Ristorante Amoroma	360 PARK Street	Moraga	Food Service
Round Table Pizza	361 RHEEM Blvd	Moraga	Food Service
Royal Siam	512 CENTER Street	Moraga	Food Service
Shish Kabob Show	376 PARK Street	Moraga	Food Service
Si Si Caffe	Drive	Moraga	Food Service
Cafeteria)	1928 ST MARYS Road	Moraga	Food Service
Starbuck's	500 MORAGA Road	Moraga	Food Service
Subway Sandwiches	396 PARK Street	Moraga	Food Service
Taco Bell	410 MORAGA Road	Moraga	Food Service
Tangelo	384 PARK Street	Moraga	Food Service
Terzetto Cuisine Café	1419 MORAGA Way	Moraga	Food Service
Arco Gas Station and Car Wash	425 MORAGA Way	Moraga	Gas Station
Lamorinda Auto Care	1455 MORAGA Way	Moraga	Gas Station

Potential Facilities List
Town of Moraga

Attachment C.4.b.iii.(1))

Name	Address	City	Program Category
Moraga Auto Care, Inc.	1135 MORAGA Way	Moraga	Gas Station
Moraga Service Center	1500 CANYON Road	Moraga	Gas Station
Stars Gas Station	398 RHEEM Blvd	Moraga	Gas Station
Moraga Country Club	1600 ST ANDREWS Drive	Moraga	Golf Course
Moraga Produce	576 CENTER Street	Moraga	Grocery Store
Safeway Store	1355 MORAGA Way	Moraga	Grocery Store
Lamorinda Cleaners	629 MORAGA Road	Moraga	Laundry-Com.
Moraga Garden Center	1400 MORAGA Road	Moraga	Nursery
Acalanes Union High School District	310 MORAGA Road	Moraga	Permitted IU
Captain Vineyards	1969 JOSEPH Drive	Moraga	Permitted IU
Parkmon Vineyards	55 LAIRD Drive	Moraga	Permitted IU
St. Mary's College	1928 ST MARYS Road	Moraga	Permitted IU
Moraga Ranch Swim Club	8 EL CAMINO FLORES	Moraga	Pool
Moraga Tennis and Swim Club	1161 LARCH Ave	Moraga	Pool
CVS Pharmacy	1480 MORAGA Road D	Moraga	Retail
CVS Pharmacy	580 CENTER Street	Moraga	Retail
Orchard Supply Hardware	1550 CANYON Road	Moraga	Retail
Saint Mary's College Rheem Campus	380 RHEEM Blvd	Moraga	School/College
Autohaus Stuttgart	383 RHEEM Blvd	Moraga	Vehicle Service
Lamorinda Gas & Auto Repair	1410 MORAGA Road	Moraga	Vehicle Service
Moraga Auto Care & Service	1135 MORAGA Way	Moraga	Vehicle Service
Moraga Motors	530 MORAGA Road	Moraga	Vehicle Service
Nick's Auto Service	1500 CANYON Road #A	Moraga	Vehicle Service
Rheem Valley Auto Care	398 RHEEM Blvd	Moraga	Vehicle Service
Rheem Valley Auto Center	455 CENTER Street	Moraga	Vehicle Service

Facilities Scheduled for Inspection
Town of Moraga

Attachment C.4.b.iii.(2)

Planned Inspections for Moraga (7/1/2014 to 6/30/2015)

7/30/14

Name	Address	City	Facility Type
Permitted IUs			
St. Mary's College	1928 ST MARYS Road	Moraga	Permitted IU
Parkmon Vineyards	55 LAIRD Drive	Moraga	Permitted IU
Acalanes Union High School District (NOI)	310 MORAGA Road	Moraga	Permitted IU
Subtotal: 3			
Inspection Cycle			
Golden Palace	581 MORAGA Road	Moraga	Food Service
Homemade Kitchen Café and Bakery	337 RHEEM Blvd	Moraga	Food Service
Moraga Country Club	1600 ST ANDREWS Drive	Moraga	Golf Course
Moraga Cleaners X-Press	1480 MORAGA Road F	Moraga	Dry Cleaner
Asia Palace	1460 MORAGA Road B	Moraga	Food Service
China Moon	380 PARK Street	Moraga	Food Service
Moraga Royale Retirement Home	1600 CANYON Road	Moraga	Assisted Living
Moraga Tennis and Swim Club	1161 LARCH Ave	Moraga	Pool
Bianca's Delicatessen	1480 MORAGA Road A	Moraga	Food Service
Royal Siam	512 CENTER Street	Moraga	Food Service
Aegis Living	950 COUNTRY CLUB Drive	Moraga	Assisted Living
Rheem Theater	350 PARK Street	Moraga	Commercial
Jack in the Box	1440 MORAGA Way	Moraga	Food Service
Taco Bell	410 MORAGA Road	Moraga	Food Service
Moraga Corporate Yard	331 RHEEM Blvd	Moraga	Fleet Operations
Subtotal: 15			

TOTAL INSPECTION GOAL (110%)=18

Annual Goal = 16

Town of Moraga
Clean Water Survey

Community Faire (April 26, 2014)

1.)	Storm drains discharge to:	Votes	Correct
a.	Rivers, creeks, lakes, and bays	66	96%
b.	Wastewater treatment plant	2	3%
c.	Chemical waste sites for decontamination	0	0%
d.	Barren ground in effort to recharge groundwater	1	1%

2.)	Most pollutants and fertilizers that pollute our creeks originate from:	Votes	Correct
a.	Upstream agricultural lands	17	25%
b.	Wholesale nurseries	1	1%
c.	Parks, ball fields, and golf courses	2	3%
d.	Residential gardens in homes	49	71%

3.)	The best method for disposing of kitchen grease is to:	Votes	Correct
a.	Put it in the trash	61	88%
b.	Pour it down the drain with lots of hot water	3	4%
c.	Mix with ice and put it down the garbage disposal while it is running	3	4%
d.	Pour it down the drain followed by a drain cleaner	2	3%

4.)	You need to clean up spills on your driveway, sidewalk, or gutter by:	Votes	Correct
a.	Absorbing with kitty litter, cornmeal, or sawdust, sweeping with a broom, and disposing in trash	48	70%
b.	Washing it down the drain with a garden hose	3	4%
c.	Letting the spill air dry (evaporate)	2	3%
d.	All of the above depending on the spill	16	23%

5.)	Branches, grass cuttings, and garden trimmings in gutters:	Votes	Correct
a.	Block storm drains and deplete oxygen in the water	42	61%
b.	Bio-degrade and restore oxygen to the water	8	12%
c.	Are swept up by street sweepers and taken to landfills free of charge	1	1%
d.	Need to be swept up but put in the blue recycling bins	18	26%

6.)	After changing your car's motor oil, you can dispose of it by:	Votes	Correct
a.	Putting it in the trash	7	10%
b.	Taking it to the household hazardous waste facility	61	88%
c.	Dumping it down the toilet	0	0%
d.	Pouring it in the storm drain inlet so it does not stain the street	1	1%

7.)	Garbage in our storm drains are pollutants. Would you support measures banning polyethylene (plastic) bag and/or polystyrene (Styrofoam) containers?	Votes	Opinions
a.	Yes, ban both	51	74%
b.	Yes, ban plastic bags	1	1%
c.	Yes, ban styrofoam containers	7	10%
d.	No, I do not support banning either	4	6%
e.	Need more information	6	9%

1.) Of those polled, 96% were correct.	7.) Of those polled, 74% would support a ban on both.
2.) Of those polled, 71% were correct	7.) Of those polled, 1% wold support a ban on plastic bags.
3.) Of those polled, 88% were correct.	7.) Of those polled, 10% would support a ban on styrofoam.
4.) Of those polled, 70% were correct.	7.) Of those polled, 6% do not support any sort of ban.
5.) Of those polled, 61% were correct.	7.) Of those polled, 9% need more information to decide.
6.) Of those polled, 88% were correct.	